### State of California AIR RESOURCES BOARD

### EXECUTIVE ORDER A-3-189 Relating to Certification of New Motor Vehicles

#### DAIMLERCHRYSLER AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year DaimlerChrysler AG exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YMBXV03.2GNB <u>Displacement</u>: 2.8 Liters (171 Cubic Inches)

3.2 Liters (195 Cubic Inches)

### Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection Secondary Air Injection Exhaust Gas Recirculation Dual Three Way Catalytic Converters Dual Warm Up Three Way Catalytic Converters

Dual Heated Oxygen Sensors (two)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The LEV certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Organic Gases	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2		0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	Non-Methane Organic Gases	Carbon <u>Monoxide</u>	Nitrogen Oxides	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000 100,000	0.014 0.014	0.2	0.1	0.001 0.003	2.8 n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this  $\frac{28}{4}$  day of June 1999.

R. B. Summerfield, Chief

Mobile Source Operations Division

## 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DaimlerChrysler /	AG Exh. Engine	e Family:	YMBXV0	3.2GNB E	vap. Family: YME	SXR0155LNZ
All Ena Codes i	n Eng. Fam :	CA 49	S	50S X	AB965	OVRV Yes	_ <u>_X</u> NO
Evh Std : CA	Tier-1 T	LEV LE	V X	ULEV	SULEV	US EPA	Tier-1 NLEV
Vah Class(es)	PC 2	k LDT1 L	DT2	MDV1	MDV2 M	IDV3 MDV4	—— <sub>моуо</sub> —
Single Cert. Std.	for Multi-Class E	ng. Fam.: 1	V/A_(spe	cify: N/A	, LDT1, MDV1	, MDV2, MDV	3, MDV4)
Fuel Type(s):	Dedicated 2	K Flex-Fuel	Dual-	Fuel	Bi-Fuel	Gasoline X	Diesei
	CNG	LNG LPG	M8	B5	Other (specify)		
Emiss. Test Fue	il(s): Indo	CBG X C	NG	. LPG _	м85 С	Other (specify)	
	Diesel:	13 CCR 228	32	40 C	FR 86.113-90	40 CFF	R 86.113-94
Evaporative E	mmision Test Pro	ocedure: Ca	lifornia		Federal	<u>x</u>	
Candon Accum:	AMA M2	X Mod. AMA		Mfr ADP	Other (s	pecity)	
NMOG Test Pro	cedure:	N/A Std.	X Equ	,iv	R/L Test Proc.:	SHED_X	Pt Source
Engine Configur	ation:	V-6 Dis	olacemer	nt: <b>2.8</b> .	/ 3.2 Liters	171 / 195	Cubic inches
Voluge per Cylin	ider:	3		Rated	HP: 194@58	00 / 215@	5700 RPM
- ·	V Middla	Rear	Drive	: FWD	RWD _X	_ 4WD-FT	
Exhaust ECS (e	g., MFI, EGR, TO	C, CAC):	SF	I/AIR/E	GR / 2H02S (2)	/2 WU-TWC / 2	TWC
				(use abl	previations per S	AE J1930 JUN9	3)
				lpp4	1,	EGR	Catalytic
	Vehicle Models		ETW	DPA	Ignition (ECM/PCM)	\$	Converter
1,	(If coded see		or <del>Test Wt</del>	1	Part No.	Part No.	Part No.
	attachment)				A0255456632		A2024909814
M 112-28	C 280	L-5	3 025	1 /.3	A0255450052	ATTE	or
							A2024909914
							(underhood)
					]		A2104904414
			ļ				or
			1	1			A2104904514
	,						(underfloor)
M 112 22A	CLK320 (Coupe)	L-5	3 625	5.9	A0245456632	A1121400060	A2024909814
WI 112-32A	CERS20 (Coupe)						or
					1		A2024909914
							(underhood)
		ļ					A2104904414
		1					or
			1				A2104904514
	·						(underfloor)
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## 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DaimlerChrysler	AG Exh. Engin	e Family:	YMBXV	3.2GNB E	vap. Family: YM	BXR0155LNZ	
All Eng. Codes i	n Eng. Fam.:	CA49	9 <b>S</b>	50S_X	AB965	OVRV Yes	<u>X</u> NO	
Exh. Std.: CA	Tier-1	TLEV LE	EV <u>X</u>	ULEV_	SULEV_	US EPA	Tier-1 NLEV	
Veh. Class(es):	PC_	X_ LDT1 L	DT2	MDV1	MDV2 M	1DV3 MDV4	MDV5	
Single Cert. Std	Single Cert. Std. for Multi-Class Eng. Fam.: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)							
Fuel Type(s):	Dedicated	X Flex-Fuel	· Duai-	Fuel	Bi-Fuel	_ Gasoline _X	Diesel	
Emiss. Test Fue	el(s): Indo	CBG _X C	CNG	LPG _	M85 (	Other (specify)		
	Diesel:	13 CCR 22	32	40 C	FR 86.113-90	40 CFI	R 86.113-94	
Evaporative E	mmision Test Pro	ocedure: Ca	lifornia		Federal	<u>x</u>		
Service Accum:	Std. AMA	X Mod. AMA		Mfr ADP	Other (s	pecify)		
NMOG Test Pro	cedure:	N/A Std.	X Equ	uiv	R/L Test Proc.:	SHED X	Pt Source	
Engine Configur	ration:	<b>V-6</b> Dis	splaceme	nt: <u>2.8</u>	/ 3.2 Liters	<u>171 / 195</u>	Cubic Inches	
Valves per Cylin	nder:	3		Rated	HP: 194@58	00 / 215@	5700 RPM	
Engine: From	nt X Middle	Rear	Drive	: FWD	RWD _X	4WD-FT	4WD-PT	
Exhaust ECS (e	g., MFI, EGR, TO	C, CAC):	SF	I / AIR / I	GR / 2H02S (2)	/ 2 WU-TWC / 2	TWC	
		*		(use abl	previations per S	AE J1930 JUN9	3)	
			ETM.	IDDA	lu-ition	EGR	Catalytic	
	Vehicle Models		<del></del>	DRA	Ignition (ECM/PCM)	System	Converter	
	(If coded see	, , , ,	or <del>Test Wt</del>		· ·	Part No.	Part No.	
	attachment)	L 5	<del> </del>		<del></del>	<del></del>	A2024909814	
M 112-32A			4 000	5.9	A0233430032	7112140000	or	
	(Convertible)						A2024909914	
							(underhood)	
			1			ļ	A2104904414	
							or	
		į					A2104904514	
						·	(underfloor)	
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# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DaimlerChrysler .	AG Exh. Engin	e Family:	YMBXV	3.2GNB E	vap. Family: YMI	BXR0155MNZ
All Fina. Codes i	n Ena. Fam.:	CA 49	)S	50S X	AB965	OVRV Yes	_XNO
Exh. Std.: CA	Tier-1	TLEV LE	V <u>X</u>	ULEV_	SULEV_	US EPA	Tier-1 NLEV
Veh. Class(es):	PC :	X_ LDT1L	DT2	MDV1_	MDV2M	IDV3MDV4	MDV5
Single Cert. Std.	. for Multi-Class	Eng. Fam.:I	V/A_(spe	cify: N/A	, LDT1, MDV1	, MDV2, MDV	3, MDV4)
Fuel Type(s):	Dedicated	X Flex-Fuel	Dual-	Fuel	Bi-Fuel	_ Gasoline X	Diesel
Emiss. Test Fue	el(s): Indo	CBG X C	NG	. LPG	M85 C	Other (specify) _	
	Diesel:	13 CCR 228	32	40 C	FR 86.113-90 _	40 CFI	R 86.113-94
Evaporative El	mmision Test Pro	ocedure: Ca	lifornia _	<del></del>	Federal	<u>X</u>	
Service Accum:	Std. AMA	X Mod. AMA		Mfr ADP	Other (s	pecify)	
NMOG Test Pro	cedure:	N/A Std.	X Equ		R/L Test Proc.:	SHED_X	Pt Source
Engine Configur	ation:	<b>V-6</b> Dis	placeme	nt: <u>3</u>	Liters	195	Cubic Inches
Valves per Cylin	ider:	3		Rated	HP: 217@57	00	. RPM
Carina: Eror	albhiM Y to	Rear	Drive	: FWD	RWD X	4WD-FT x	
Exhaust ECS (e	g., MFI, EGR, TO	C, CAC):	SF	1 / AIR / I	EGR / 2H02S (2)	/2 WU-TWC / 2	TWC
				(use abl	breviations per S	AE J1930 JUN9	3)
			ETW	DPA	Ignition	EGR	Catalytic
Engine Code	E I		ETW or	OF .	(ECM/PCM)	System	Converter
1,	(If coded see		Test Wt		Part No.	Part No.	Part No.
	attachment)	L-5		<del></del>			A2104902514
M 112-32A	1		3073	0.5	7.02.70		(underhood)
	(Sedan, RWD)						A2104904414
			İ				or
			!				A2104904514
	1				· ·		(underfloor)
	] ·						
M 112-32A	E 320	L-5	4 000	7.7	A0245456632	A1121400060	A2104902514
	  (Sedan, 4WD-FT)						(underhood)
1							A2104904414
				•			or
					1		A2104904514
		Í					(underfloor)
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# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DaimlerChrysler /	AG Exh. Engine	e Family:	YMBXV	3.2GNB E	vap. Family: YME	3XR0155MNZ		
All Eng. Codes in	n Eno. Fant.:	CA 49	S	50S X	AB965	OVRV Yes	<u> </u>		
Exh. Std.: CA	Tier-1 T	LEV LE	V X	ULEV	SULEV	US EPA	Tier-1 NLEV		
Veh Class(es):	PC >	K LDT1 L	DT2	MDV1_	MDV2 M	DV3MDV4	MDV5		
Single Cert. Std.	for Multi-Class E	ng. Fam.: 1	N/A (spe	cify: N/A	, LDT1, MDV1	, MDV2, MDV	3, MDV4)		
Fuel Type(s):	Dedicated 2	K Flex-Fuel	Dual-	Fuel	Bi-Fuel	Gasoline X	Diesel		
Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Fuel Gasoline X Diesel  CNG LNG LPG M85 Other (specify)									
Emiss. Test Fue	l(s): Indo	CBG <u>X</u> C	NG	LPG _	мв5 С	Other (specify)			
	Emiss. Test Fuel(s):       Indo       CBG       X       CNG       LPG       M85       Other (specify)         Diesel:       13 CCR 2282       40 CFR 86.113-90       40 CFR 86.113-94								
Evaporative Er	mmision Test Pro	ocedure: Ca	lifornia_	<del> </del>	Federal	X			
Sanica Accumi	Std. AMA	X Mod. AMA	Į	Mfr ADP	Other (s	pecify)			
NMOG Test Pro	cedure:	N/A Std.	X Equ	iv	R/L Test Proc.:	SHED_X	Pt Source		
Engine Configur	ation:	V-6 Dis	placeme	nt:3	Liters	195	- Cubic inches		
Valves per Cylin	ider:	3		Rated	HP: 217@57	00	- RPM		
Engine: From	nt X Middle	Rear	Drive	: FWD	RWD X	_ 4WD-F1 <u>x</u> _	4WD-PT		
Exhaust ECS (e	g., MFI, EGR, TC	C, CAC):	SF	I/AIR/I	EGR / 2H02S (2)	/ 2 WU-TWC / 2	TWC		
		<del>-</del>		(use abl	breviations per S	AE J1930 JUN9	3)		
			<del>,</del>		т	1	T		
Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition	EGR	Catalytic		
(also list	(If coded see	(A 4, M 5, etc.)	or	<del>Ot</del>	(ECM/PCM)	System	Converter		
CA/49ST/ <u>50ST</u> )	attachment)		Test Wt		Part No.	Part No.	Part No.		
M 112-32A	E 320	L-5	4 000	7.4	A0245456632	A1121400060	A2104902514		
	(Station Wagon)		ĺ				(underhood)		
	RWD						A2104904414		
				] ]			or		
							A2104904514		
							(underfloor)		
					1	4404400000	A 24 0 4 0 0 2 5 4 4		
M 112-32A	E 320	L-5	4 250	9.0	A0245456632	A1121400060	A2104902514		
	Station Wagon			-			(underhood) A2104904414		
	4WD-FT						1		
							or		
				1			A2104904514		
	·				1		(underfloor)		
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